

Survey the status and trend of traffic accidents in Qazvin Province (2006-2015)

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*Abstract

Background: The road traffic accidents (RTAs) have caused life losses and economical damages in Iran. In spite of the high rate of RTAs and related death, no study has been conducted on RTAs in Qazvin province.

Objective: The aim of this study was to explore the status and trend of RTAs in Qazvin from 2006 to 2015.

Methods: This is a 10 years epidemiological study on documented data in accidents recording system (ARS) at non-communicable disease control center of Qazvin. ARS is an intelligent managed system in which the figures of all accidents and injuries records. All data from ARS were extracted from RAS by an expert staff and analyzed.

Findings: Total number of traffic accidents in Qazvin from 2006 to 2015 was 65945; the central city (Qazvin) with 50168 and Takestan city with 7213 were in the top position of RTAs in Qazvin. The number of RTAs was associated with fluctuation, annually. The lowest and highest number of RTAs have been occurred in 2014 (n=5720) and 2012 (n=9718), respectively.

Conclusion: This study revealed the increasing trend of RTAs specific rates per thousands of population from 2013 which has direct and indirect cost effects on the community.

Keywords: Traffic Accidents, Accidents, Qazvin

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